

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ville Eerola et al. Assignee: u-Nav Microelectronics Corp.  
Serial No.: 09/689,854 Filed: 10/13/2000  
Patent No.: 7,010,024 Issued: 03/07/2006  
Title: MATCHED FILTER AND SPREAD SPECTRUM RECEIVER  
Docket: G&C 201.9-US-01

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on May 5, 2006.

By:   
Name: Anthony J. Orlor

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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MAY 05 2006

Dear Sir:


We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
- ☒ Revocation and Power of Attorney including Certificate Under 3.73(b) and Copy of Recorded Assignment.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462  
GATES & COOPER LLP  
Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, CA 90045  
(310) 641-8797

By:   
Name: Anthony J. Orlor  
Reg. No.: 41,232  
AJO/bjs

G&C 201.9-US-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ville Berola et al.	Assignee:	u-Nav Microelectronics Corp.
Serial No.:	09/689,854	Filed:	10/13/2000
Parent No.:	7,010,024	Issued:	03/07/2006
Title:	MATCHED FILTER AND SPREAD SPECTRUM RECEIVER		
Docket:	G&C 201.9-US-01		

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By:   
Name: Anthony J. Orlor

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

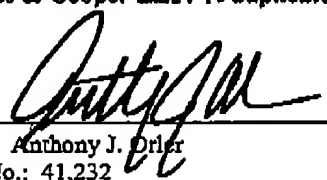
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Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, CA 90045  
(310) 641-8797

By:   
Name: Anthony J. Orlor  
Reg. No.: 41,232  
AJO/bjs

G&C 201.9-US-01

PTO/SB/80 (01-06)

Approved for use through 12/31/2008. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

22462

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

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OR

<input type="checkbox"/> Firm or Individual Name			
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Country			
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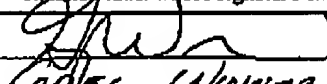
Assignee Name and Address:

u-Nav Microelectronics Corporation  
8 Hughes  
Irvine, California 92618

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	May 4, 2006
Name	CRAG WINNER	Telephone	(949) 453-2731
Title	COO		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ville Eerola et al.	Assignee:	u-Nav Microelectronics Corp.
Serial No.:	09/689,854	Filed:	10/13/2000
Patent No.:	7,010,024	Issued:	03/07/2006
Title:	MATCHED FILTER AND SPREAD SPECTRUM RECEIVER		

**RECEIVED  
CENTRAL FAX CENTER****CERTIFICATE UNDER 37 C.F.R. § 3.73(b)****MAY 05 2006**

U-NAV MICROELECTRONICS CORPORATION, a corporation organized and existing under the laws of the State of California, having a place of business at 8 Hughes, Irvine, California 92618, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of:

A chain of title from the inventor(s) of the patent application to the current assignee as shown below:

**From: Ville Eerola and Tapani Ritoniemi To: VLSI Solution OY**

The document was recorded in the U.S. Patent and Trademark Office at Reel 013042, Frame 0237, for which a copy thereof is attached.

**From: VLSI Solution OY To: u-Nav Microelectronics Corporation**

The document was recorded in the U.S. Patent and Trademark Office at Reel 013042, Frame 0250, for which a copy thereof is attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, as the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: MAY 5, 2006By: Name: GREG WINNERTitle: COO



SEPTEMBER 03, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

IRELL & MANELLA LLP  
KIMBERLY G. NOBLES  
840 NEWPORT CENTER DRIVE, SUITE 400  
NEWPORT BEACH, CA 92660



\*102143987A\*

U-NAV MICROELECTRONICS CORP.

UNITED STATES PATENT AND TRADEMARK OFFICE 157622-0012(P001)  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
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AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY.  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/02/2002

REEL/FRAME: 013042/0237  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
EROLA, VILLE

DOC DATE: 05/21/2002

ASSIGNOR:  
RITONIEMI, TAPANI

DOC DATE: 05/22/2002

ASSIGNEE:  
VLSI SOLUTION OY  
HERMIANKATU 6-8 C, FIN-33720  
TAMPERE, FINLAND

SERIAL NUMBER: 09689681  
PATENT NUMBER:

FILING DATE: 10/13/2000  
ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED

SEP 03 2002

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IRELL & MANELLA LLP

07-05-2002

Form PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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102143987

## PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Ville Eerola  
Tapani Ritonien

7.2.02

## 2. Name and address of receiving party(ies)

Name: VLSI Solution OY

Internal Address:

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Street Address: Hermiankatu 6-B C, FIN-33720

Tampere, Finland

City: State: Zip:

Execution Date: May 21, 2002 and May 22, 2002

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/689,681

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kimberley G. Nobles

Internal Address:

Street Address: Irell &amp; Manella LLP

840 Newport Center Drive, Suite 400

City: Newport Beach State: CA Zip: 92660

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

09-0946

DO NOT USE THIS SPACE

## 9. Signature.

Kimberley G. Nobles, Reg. No. 38,255

Name of Person Signing

Signature

June 26, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 3

07/05/2002 CHUELLER 00000060 09689681

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01 FC:581

40.00 DP

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

**Ville EEROLA and Tapani RITONIEMI**

hereby sell, assign, and transfer to:

**VLSI Solution OY**

a corporation organized and existing under the laws of Finland, having a principal place of business at Hermiankatu 6-8 C, FIN-33720 Tampere, Finland ("Assignee"), and its successors, assigns, and legal representatives, our entire right, title, and interest for Finland and any and all other countries, in and to any and all inventions and improvements that are disclosed in the following applications entitled Matched Filter and Spread Spectrum Receiver:

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>
Finland	FI-19992211 (provisional application)	October 13, 1999
Finland	FI-20002155 (non-provisional application)	September 29, 2000
United States	09/689,854	October 13, 2000
PCT	PCT/FI00/00881	October 12, 2000

and in and to each of said applications and all non-provisional, utility, divisional, continuation, continuation-in-part, substitute, renewal, reexamination, reissue, and all other patent applications that have been or shall be filed in Finland and any and all other countries on any of said inventions and improvements; and in and to all original, re-examined and reissued patents that have been or shall be issued in Finland and any and all other countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of any of said applications, and in all subsequent non-provisional, utility, PCT and foreign applications claiming priority to one or more of these applications.

Assignors agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all non-provisional, utility, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee,



its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

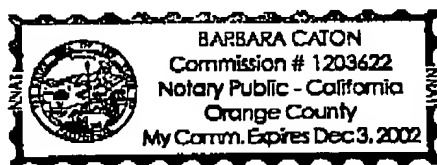
Executed this 21 day of May, 2002, at Newport Beach, CA

Ville Berola  
Ville Berola

STATE OF CALIFORNIA )  
COUNTY OF ORANGE ) ss.

On this 21<sup>st</sup> day of May, in the year of 2002, before me, BARBARA CATON, the undersigned notary public, personally appeared the above-named assignor, Ville Berola, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

[Seal]



Barbara Caton  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2002, at \_\_\_\_\_.

\_\_\_\_\_  
Tapani Ritonieni

I, \_\_\_\_\_, declare that I was personally present and did see Tapani Ritonieni duly sign and execute the above assignment.

\_\_\_\_\_  
(Signature of Witness)

its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2002, at \_\_\_\_\_.

\_\_\_\_\_  
Ville Eerola

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year of \_\_\_\_\_, before me, \_\_\_\_\_, the undersigned notary public, personally appeared the above-named assignor, \_\_\_\_\_, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

[Seal]

\_\_\_\_\_  
Notary Public

Executed this 22 day of May, 2002, at Tampere.

\_\_\_\_\_  
Tapani Ritoniemi

I, Leena Lintusaari, declare that I was personally present and did see Tapani Ritoniemi duly sign and execute the above assignment.

\_\_\_\_\_  
(Signature of Witness)

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0551-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)  
40.00

## Complete if Known

Application Number	09/689,854
Filing Date	October 13, 2000
First Named Inventor	Ville Eerola et al.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	157622-0015

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

09-0946

Irell &amp; Manella LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)  
0.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from below Fee Paid  
 Total Claims -20\*\* =  X  =   
 Independent Claims -3\*\* =  X  =   
 Multiple Dependent  =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	19	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)  
0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

## Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,060	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,260	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(a)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.126(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
40.00

## SUBMITTED BY

Name (Print/Type) Kimberley G. Nobles

Registration No. (Attorney/Agent)

38,255

## Complete (if applicable)

Telephone (949) 760-0991

Signature

Date

June 26, 2002

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



SEPTEMBER 03, 2002

PTAS

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Washington, DC 20231  
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IRELL & MANELLA LLP  
KIMBERLEY G. NOBLES  
840 NEWPORT CENTER DRIVE, SUITE 400  
NEWPORT BEACH, CA 92660



\*102143990A\*

U-NAV MICROELECTRONICS CORP.

UNITED STATES PATENT AND TRADEMARK OFFICE 157422-0015(P004)  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/02/2002

REEL/FRAME: 013042/0250  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VLSI SOLUTION OY

DOC DATE: 05/22/2002

ASSIGNEE:

U-NAV MICROELECTRONICS CORPORATION  
15255 ALTON PARKWAY, SUITE 200  
IRVINE, CALIFORNIA 92618

SERIAL NUMBER: 09689854

FILING DATE: 10/13/2000

PATENT NUMBER:

ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED

SEP 03 2002

IRELL & MANELLA LLP

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U.S. Patent and Trademark OfficeForm PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

VLSI Solution OY

7.8.02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: May 22, 2002

## 2. Name and address of receiving party(ies)

Name: u-Nav Microelectronics Corporation

Internal Address: \_\_\_\_\_

Street Address: 15255 Alton Parkway, Suite 200

City: Irvine State: CA Zip: 92618

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 09/689,854

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kimberley G. Nobles

Internal Address: \_\_\_\_\_

Street Address: Irell &amp; Manella LLP

840 Newport Center Drive, Suite 400

City: Newport Beach State: CA Zip: 92660

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) .....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

09-0946

DO NOT USE THIS SPACE

## 9. Signature.

Kimberley G. Nobles, Reg. No. 38,255

Name of Person Signing

  
Signature

June 26, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

07/05/2002 LNUELLER 00000059 09689854

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01 FC:581

40.00 DP

## ASSIGNMENT

WHEREAS, VLSI Solution OY, a corporation organized and existing under the laws of Finland, having its principal place of business at Hermiankatu 6-8 C, FIN-33720 Tampere, Finland (hereinafter referred to as "Assignor") owns the entire right, title and interest for Finland and any and all other countries, in and to all inventions and any improvements which are disclosed in the following applications entitled Matched Filter and Spread Spectrum Receiver:

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>
Finland	FI-19992211 (provisional application)	October 13, 1999
Finland	FI-20002155 (non-provisional application)	September 29, 2000
United States	09/689,854	October 13, 2000
PCT	PCT/FI00/00881	October 12, 2000

AND WHEREAS, u-Nav Microelectronics Corporation, a corporation organized and existing under the laws of the United States, having its principal place of business at 15255 Alton Parkway, Suite 200, Irvine, CA 92618, USA (hereinafter, together with its successors, legal representatives or assigns thereof, referred to as "Assignee") wants to acquire Assignor's entire right, title and interest in and to said inventions and improvements;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee Assignor's entire right, title and interest in and to said inventions and improvements, and each of said applications and all non-provisional, utility, divisional, substitute, continuation and continuation-in-part applications thereof in all countries, and all Finnish Letters Patents, United States Letters Patent, and patents of any and all other countries, which may be granted thereon and all re-examinations, reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents including related rights such as non-provisionals, PCT applications, utility-model registrations, inventor's certificates, and the like heretofore or hereafter filed for said inventions and improvements in any and all countries, and all patents (including all non-provisionals, extensions, renewals, reexaminations and reissues thereof) granted for said inventions and improvements in any and all countries.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee any known facts respecting said inventions and improvements, and will testify in a legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuation, continuation-in-part, substitute, and reissue applications, and all foreign applications, make all rightful Oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said inventions and improvements; in all countries.

AND ASSIGNOR HEREBY authorizes and requests the officials of the Finnish Patent Office and officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue all patents for said inventions and improvements to Assignee in accordance with the terms of this Assignment;

Executed this 22 day of May, 2002, at Tampere.

VLSI Solution OY

Tapani Ritonien  
Name: Tapani Ritonien  
Title: CEO

I, Leena Lintusaari, declare that I was personally present and did see Tapani Ritonien duly sign and execute the above assignment on behalf of VLSI Solution OY.

Leena Lintusaari  
(Signature of Witness)

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (04-00)

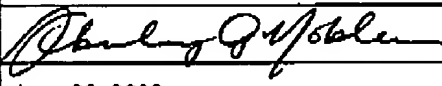
Approved for use through 10/31/2002. OMB 0851-0031

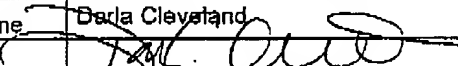
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/689,854	
	Filing Date	October 13, 2000	
	First Named Inventor	Ville Eerola et al.	
	Group Art Unit	Unknown	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	7	Attorney Docket Number	157622-0015

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kimberley G. Nobles, Reg. No. 38,255 IRELL & MANELLA LLP
Signature	
Date	June 26, 2002

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <u>June 26, 2002</u>	
Typed or printed name	<u>Barla Cleveland</u>
Signature	
Date	<u>June 26, 2002</u>

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**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)  
40.00**Complete if Known**

Application Number	09/689,854
Filing Date	October 13, 2000
First Named Inventor	Ville Eerola et al.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	157622-0015

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
09-0946Deposit Account Name  
Irell & Manella LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
108 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)  
0.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim, if not paid	
109 94	209 42	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)  
0.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 480	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
148 740	248 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
168 800	168 800	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
40.00**SUBMITTED BY**

Name (Print/Type)	Kimberley G. Nobles	Registration No. (Attorney/Agent)	38,255	Telephone	(949) 760-0991
Signature		Date	June 26, 2002		

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**Gates & Cooper** LLP

Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, California 90045

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**MAY 05 2006**

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Alexandria, VA 22313-1450

FROM: Anthony J. Orler  
OUR REF.: G&C 201.9-US-01  
TELEPHONE: (310) 342-5564

Total pages, including cover letter: 21

**PTO FAX NUMBER: 571-273-8300**

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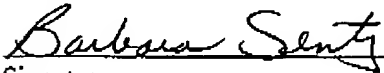
Title of Document Transmitted:	<b>TRANSMITTAL SHEETS, REVOCATION AND POWER OF ATTORNEY, AND CERTIFICATE UNDER 37 C.F.R. §3.73(B) WITH 2 RECORDED ASSIGNMENTS.</b>	
Applicant	Villa Ferola et al.	
Serial No.:	09/689,854	
Filed:	October 13, 2000	
Patent No.:	7,010,024	Issued: 03/07/2006
Title:	MATCHED FILTER AND SPREAD SPECTRUM RECEIVER	
Our Ref. No.:	G&C 201.9-US-01	

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

By: 

Name: Anthony J. Orler  
Reg. No.: 41,232

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May 5, 2006  
Date

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PTO/SB/21 (08-00)

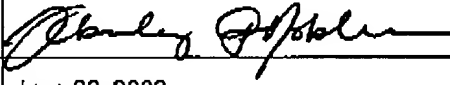
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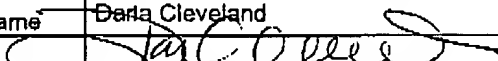
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/689,854	
	Filing Date	October 13, 2000	
	First Named Inventor	Ville Eerola et al.	
	Group Art Unit	Unknown	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	6	Attorney Docket Number	157622-0015

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kimberley G. Nobles, Reg. No. 38,255 IRELL & MANELLA LLP
Signature	
Date	June 26, 2002

CERTIFICATE OF MAILING	
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Typed or printed name	Daria Cleveland
Signature	
Date	June 26, 2002

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<h1 style="text-align: center;">FEE TRANSMITTAL</h1> <h2 style="text-align: center;">for FY 2002</h2> <p style="text-align: center;"><i>Patent fees are subject to annual revision.</i></p>		<b>Complete if Known</b>	
		Application Number	09/689,854
		Filing Date	October 13, 2000
		First Named Inventor	Ville Eerola et al.
		Examiner Name	Unknown
		Group Art Unit	Unknown
		Attorney Docket No.	157622-0015

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$)	40.00
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<b>METHOD OF PAYMENT (check all that apply)</b> <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: <b>09-0946</b> Deposit Account Name: <b>Irell &amp; Manella LLP</b> The Commissioner is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above identified deposit account		<b>FEE CALCULATION (continued)</b> <b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>820*</td> <td>112</td> <td>820*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>920</td> <td>217</td> <td>460</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,440</td> <td>218</td> <td>720</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,960</td> <td>228</td> <td>980</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>320</td> <td>219</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>320</td> <td>220</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>280</td> <td>221</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,280</td> <td>241</td> <td>640</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,280</td> <td>242</td> <td>640</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>460</td> <td>243</td> <td>230</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>820</td> <td>244</td> <td>310</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(d)</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40.00</td> </tr> <tr> <td>146</td> <td>740</td> <td>246</td> <td>370</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>740</td> <td>249</td> <td>370</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>178</td> <td>740</td> <td>278</td> <td>370</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		130	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	820*	112	820*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	820	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(d)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		178	740	278	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application	
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**SUBTOTAL (2)** (\$)

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<b>SUBMITTED BY</b> Name (Print/Type): <b>Kimberley G. Nobles</b> Signature: <i>Kimberley G. Nobles</i>		Registration No. (Attorney/Agent): <b>38,255</b> Telephone: <b>(949) 760-0991</b> Date: <b>June 26, 2002</b>	
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**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**40.00****Complete if Known**

Application Number	09/689,854
Filing Date	October 13, 2000
First Named Inventor	Ville Eerola et al.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	157622-0015

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																															
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: <b>09-0946</b> Deposit Account Name: <b>Irell &amp; Manella LLP</b>		<b>3. 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\*Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Kimberley G. Nobles	Registration No. (Attorney/Agent)	38,255
Signature		Telephone	(949) 760-0991
		Date	June 26, 2002

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